

数学与系统科学研究院

计算数学所学术报告

报告人: **Prof. Baofeng Feng**

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报告题目:

**Focusing and defocusing complex
short pulse equation (1)**

邀请人: 胡星标 研究员

报告时间: **2015 年 8 月 6 日 (周四)**

下午 15:00~16:00

报告地点: 数学院南楼七层

702 会议室

Abstract:

In this talk, we are concerned with a complex short pulse equation of focusing and defocusing type. Starting from the Maxwell equation, we firstly derive the focusing and defocusing complex short pulse equation from the physical context of nonlinear optics. Then, we will construct the multi-soliton solutions of both bright and dark type based on Hirota's bilinear method.

欢迎大家参加！